GE GE □□□ Series Service Manual

IS200VAICH1D

1. Description

IS200VAICH1D Technical Specifications

2. Specifications

Specification	Value
Mark	**VI Series Grouping Group 1**
Original	**Manufacturer General Electric**
Revision	**Total 1 Revision**
Functional	**Part Number IS200VAICH1D**
Product	**Series Mark VI Speedtronic**
PCB	**Coating Type Conformal Coating**
Product	**Type VME Analog Input Card**

3. Product Information

IS200VAICH1D Technical Specifications

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Product Series Mark VI Speedtronic

PCB Coating Type Conformal Coating

Product Type VME Analog Input Card

About the IS200VAICH1D

The IS200VAICH1D is but one of several Analog VME boards available for the General Electric Mark VI turbine control system. The Mark VI Series that this IS200VAICH1D device in particular belongs to, as you can most likely tell based off of its full extended series name, has set applications in the control and management systems of sophisticated General Electric-compatible gas, steam, and even wind turbine automated drive assemblies; a marked improvement upon the more-limited gas and steam-based applications possible in previous Mark Series iterations including even the Mark V. Boards like this one can be used in either TMR or simplex systems depending on how they are made, so please be sure to order the correct board for your particular system and architecture. This IS200VAICH1D product's greater Mark VI Turbine Control System Series is additionally seen as a hot prospect on its greater industrial automated marketplace given the fact that it exists as one of the lastly-developed GE Mark product series to incorporate the patented Speedtronic control system technology across a range of its different options. AX Control has several VAIC boards in stock.

Hardware Tips and Specifications

The IS200VAICH1D is an I/O processor board. It works in conjunction with two TBAI terminal boards. This is a single-width VME board with a high-speed CPU that offers digital filtering. It uses a 32-bit floating-point format. The board contains the sensor characteristic library needed for RTD and thermocouple linearizations and other quantity and control capabilities. Configurations can be updated through software while the unit is actively functioning. As a single-width board, the unit has a narrow front faceplate with a retaining clip located at each end. The front faceplate has three LED indicators built into its front. These will indicate updates to status, as well as information on run and fail issues. The board itself is designed with two backplane connectors spaced equally on the rear edge of the board. These connectors allow the board to communicate with the rack and other boards within it. Typically, such connectors are designed as 37-pin connectors. Before making any ultimate purchase decision on this IS200VAICH1D Mark VI Series VME Analog Input Card, it is of critical importance to understand the fact that this IS200VAICH1D device is actually not the originally-designed device of its specific Mark GE product series functionality, and that that would really have to be considered the IS200VAICH1 parent VME Analog Input Card not making use of this IS200VAICH1D device's sole D-rated functional product revision.

Other board components include processor chips and other integrated circuits, relays, resistors, transistors, and diodes. The components may be marked with their original manufacturer identification part number, which will allow you to use datasheets for additional information. All are marked with some sort of reference designation on the surface of the board. While this IS200VAICH1D device may not be offered alongside any really high number of originally-printed instructional manual materials online, this doesn't mean that it is not well-supported for the research purposes of this IS200VAICH1D product page here due to its General Electric manufacture. This is true as the IS200VAICH1D functional product number itself was specially designed by General Electric to display a number of relevant IS200VAICH1D Board details in a series of consecutive functional naming components, beginning with the dual-functional IS200 series tag delegating this IS200VAICH1D product's normal Mark VI Series assembly as well as its domestic location of original manufacture.

Some of the other relevant hardware details revealed in the IS200VAICH1D functional product number include this product's:

VAIC functional product acronym

Conformal PCB coating style

Group one Mark VI Series product grouping

D-rated primary functional product revision